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Transformer delivered to help keep the lights on in the North East

Massive piece of electrical equipment delivered by ship and road to Fourstones substation in Northumberland

23 Aug 2016

- Specialist haulage contractors delivered transformer from Tilbury Docks, Essex to Fourstones substation
- Delivery vehicle was 21.5 metres long and 5.2 metres high
- Project will ensure Northumberland has a safe and reliable source of renewable energy

On Sunday 6th August National Grid successfully delivered a transformer to its Fourstones substation in Northumberland.

The transformer, a large piece of electrical equipment, was delivered by specialist haulage contractors on the Sunday morning. The delivery vehicle and transformer travelled up the A1 from Tilbury Docks, Essex, before joining the B6319 at Haydon Bridge where it completed its journey onto Fourstones substation. Motorists and residents along the route were notified in advance of the delivery and National Grid worked hard to minimise disruption wherever possible.

The delivery was part of National Grid's continuing works to upgrade Fourstones substation and its installation will allow the connection of an onshore wind farm to the National Grid.

As part of National Grid's work to educate and inform residents in the Fourstones area of the impact of the work, students at Shaftoe Trust Primary School in Haydon Bridge were visited by the National Grid who held two "Science Made Simple" workshops to teach children all about science and engineering. Students also learnt how National Grid's work will connect their community to locally produced renewable energy.

Graham Law, Project Engineer at National Grid said: "We carefully planned the route with our specialist haulage contractors and local authorities to ensure that the delivery was safe and went smoothly. We would like to thank local residents and motorists for their understanding and patience during the delivery as well as the continuing work at the Fourstones substation."

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Notes for editors

Notes to Editors:

National Grid is pivotal to the energy systems in the UK and the north eastern United States. We aim to serve customers well and efficiently, supporting the communities in which we operate and making possible the energy systems of the future.

National Grid in the UK:

- We own and operate the electricity transmission network in England and Wales, with day-to-day responsibility for balancing supply and demand. We also operate, but do not own, the Scottish networks. Our networks comprise approximately 7,200 kilometres (4,474 miles) of overhead line, 1,500 kilometres (932 miles) of underground cable and 342 substations.
- We own and operate the gas National Transmission System in Great Britain, with day-to-day responsibility for balancing supply and demand. Our network comprises approximately 7,660 kilometres (4,760 miles) of high-pressure pipe and 618 above-ground installations.
- As Great Britain's System Operator (SO) we make sure gas and electricity is transported safely and efficiently from where it is produced to where it is consumed. From April 2019, Electricity System Operator (ESO) is a new standalone business within National Grid, legally separate from all other parts of the National Grid Group. This will provide the right environment to deliver a balanced and impartial ESO that can realise real benefits for consumers as we transition to a more decentralised, decarbonised electricity system.
- Other UK activities mainly relate to businesses operating in competitive markets outside of our core regulated businesses; including interconnectors, gas metering activities and a liquefied natural gas (LNG) importation terminal – all of which are now part of National Grid Ventures. National Grid Property is responsible for the management, clean-up and disposal of surplus sites in the UK. Most of these are former gas works.

Find out more about the energy challenge and how National Grid is helping find solutions to some of the challenges we face at <https://www.nationalgrid.com/group/news>

National Grid undertakes no obligation to update any of the information contained in this release, which speaks only as at the date of this release, unless required by law or regulation.

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